

What is claimed is:

1. An objective lens used in an optical head,
comprising:
 - (a) a convex lens; and
 - (b) a chromatic aberration correcting optical element,wherein a center of gravity of the objective lens is arranged substantially on a straight line connecting supporting points for the objective lens.
2. The objective of claim 1, further comprising a lens frame for supporting the convex lens and the chromatic aberration correcting optical element, wherein the center of gravity of the objective lens is a combined center of gravity of the entire objective lens including the convex lens, the chromatic aberration correcting optical element and the lens frame.
3. The objective lens of claim 1, wherein the convex lens has a one-element lens.
4. The objective lens of claim 1, wherein the convex lens has a two-element lens.

5. An optical head for recording and reading information including an objective lens used for an optical head, the objective lens comprising:

(a) a convex lens; and

(b) a chromatic aberration correcting optical element,

wherein a center of gravity of the objective lens is arranged substantially on a straight line connecting supporting points for the objective lens.